IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

ESCH et al.

Group Art Unit: 1754

Examiner: S. Hendrickson

Filed: June 6, 1997

Appln. No.: 08/870,591

FOR: PRECIPITATED SILICAS

November 30, 2000

PRELIMINARY AMENDMENT

Hon. Commissioner of Patents Washington, DC 20231

Sir:

PRELIMINARY AMENDMENT

Commissioner of Patents
Ington, DC 20231

Before beginning examination of the Continued Prosecution Application, kin by amend application as follows:

IN THE CLAIMS:

Please cancel claims 1 and 7 without prejudice and add the following new rain

11.

Precipitated shica having the following physico-chemical properties

BET surface area

 $35 \text{ to } 350 \text{ m}^2/\text{g}$

BET/CTAB surface area ratio

0.8 to 1.1

Pore volume, PV

1.6 to 3.4 ml/g

Silanol group density, ml of NaOH

consumed in raising pH to 9

6 to 20 ml

Average aggregate size

250 to 1500 nm

CTAB surface area

 $30 \text{ to } 350 \text{ m}^2/\text{g}$

DBP value

150 to 300 ml/100 g